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PATENT
0512-1354

10/594575

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Noël DIMARcq et al Conf.

Application No. **NEW NATIONAL PHASE** Group

Filed September 27, 2006 Examiner

METHOD FOR MODULATING AN ATOMIC CLOCK SIGNAL WITH COHERENT POPULATION TRAPPING AND CORRESPONDING ATOMIC CLOCK

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

September 27, 2006

Sir:

The following preliminary amendments and remarks are respectfully submitted in connection with the above-identified application.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begin on page 3 of this paper.

Remarks begin on page 9 of this paper.

An **Appendix** is attached following the signature page of this paper.